

REMARKS

The final Office Action dated September 8, 2005, has been received and reviewed.

Claims 20, 35, 36, 68-99 (withdrawn), and 127-150 are currently pending in the above-referenced application. Claims 68-99 have been withdrawn from consideration. Claims 20, 35, 36, 127-135, and 139-150 stand rejected. Claims 136-138 have been objected to merely for depending from rejected base claims.

Objections to the Specification under 35 U.S.C. § 132(a)

It has been asserted that the amendments to the specification that were presented in the Amendment dated June 22, 2005, introduce new matter into the above-referenced application.

It is respectfully submitted that the as-filed disclosure of the above-referenced application provided adequate support for the sequence listing that was provided with the Amendment of June 22, 2005. For example, Figure 5 and the paragraph referencing the same (beginning at page 5, line 16, of the as-filed specification) describe the mobilization of *Mos1* in *C. elegans*. Furthermore, several nucleotide sequences, which match perfectly with the portions of the *Mos1* gene, the sequence of which was well known in the art at the time the above-referenced application was filed, appear in Figure 5 of the as-filed application.

As the as-filed specification identifies and reproduces nucleotide sequences that were well-known in the art and widely published before the filing date of the above-referenced application, it is respectfully submitted that amendment of the above-referenced application merely for the sake of reproducing these sequences does not constitute the addition of new matter to the above-referenced application.

Accordingly, withdrawal of the objections to the specification is respectfully requested.

Claim Objections

Claims 35, 36, 127, 128, and 141 have been objected to for various informalities. It is proposed that each of these claims be amended in accordance with the Examiner's recommendations.

Rejections under 35 U.S.C. § 112, First Paragraph

Claims 20, 35, 36, 127-135, and 139-150 stand rejected under the first paragraph of 35 U.S.C. § 112 for being drawn to subject matter that allegedly does not comply with the written description requirement.

It is proposed that independent claim 20 be amended to include the limitation of claim 136, which the final Office Action indicates to be allowable. Accordingly, it is respectfully submitted that the subject matter recited in amended independent claim 20 is allowable.

Claims 35, 36, 127-135, and 137-150 are each allowable, among other reasons, for depending directly or indirectly from claim 20, which is allowable.

Entry of Amendments

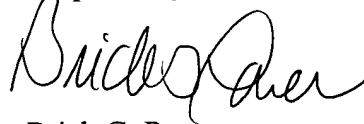
Entry of the proposed claim amendments is respectfully requested. The proposed amendments to the claims do not introduce new matter and would not necessitate an additional search. Further, the proposed claim amendments reduce the number of issues that remain for purposes of appeal.

In the event that the proposed amendments to the claims are not entered, their entry is respectfully requested in the event that a Notice of Appeal is filed in the above-referenced application.

CONCLUSION

It is respectfully submitted that each of claims 20, 35, 36, 68-99 (withdrawn), and 127-150 is allowable. An early notice of the allowability of each of these claims is respectfully solicited, as is an indication that the above-referenced application has been passed for issuance. If any issues preventing allowance of the above-referenced application remain which might be resolved by way of a telephone conference, the Office is kindly invited to contact the undersigned attorney.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Brick G. Power". The signature is fluid and cursive, with the first name "Brick" being more prominent.

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Date: December 8, 2005
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